


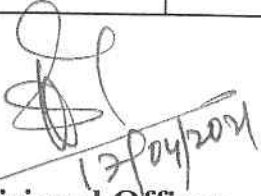
KAMAREDDY DIVISION

ESTIMATE FOR RAISING OF AVENUE PLANTATIONS - Diversion of 4.95 Ha. of Forest land in Nizamabad Division (0.5713 Ha) and in Kamareddy Division (4.376 Ha) for widening of single lane to double lane road of Kamareddy to Tumpally road from Km 12/0 to 27/8 Divn. (4 Km Length)

ABSTRACT

S.No.	Description	No.of plants	Amount	Unit cost
1	Raising Year(2022-23)	1760	1970070	1119.36
2	1st Year Maintenance(2023-24)	1760	935241	531.39
3	2nd Year Maintenance(2024-25)	1760	963898	547.67
4	3rd Year Maintenance(2025-26)	1760	630057	357.99
5	4th Year Maintenance(2026-27)	1760	520708	295.86
	TOTAL		5019973	2852.26


17/4/2024
**Forest Range Officer,
Machareddy.**


12/04/2024
**Forest Divisional Officer,
Kamareddy.**

KAMAREDDY DIVISION

ESTIMATE FOR RAISING OF AVENUE PLANTATIONS - Diversion of 4.95 Ha. of Forest land in Nizamabad Division (0.5713 Ha) and in Kamareddy Division (4.376 Ha) for widening of single lane to double lane road of Kamareddy to Tumpally road from Km 12/0 to 27/8 Divn. (4 Km Length)

Total No.of plants per Four Kms length of the road: 1600 Nos + Casualty replacement 160 Nos. Total 1760 Nos.

FSR Item No.	Schedule of operations with Specification	Units	Rate	Qty	Amt
	AVENUE PLANTATION- RAISING YEAR				
	Cost of plantingstock of plantable size of (2.00 m for 2nd and 3rd row & 1.50 m for 1st row) including plants required for casualty replacements	Nos	200.00	1760	352000
	Total plants required for planting : 1600 Nos				
	10 % Casualty replacements during raising year: 160 Nos				
	Total : 1600 + 160 = 1760				
02.15.01	Preparation of site by clearing unwanted growth to a width of 3 m on each side in the planting row parallel to the road (equals to 0.6 ha clearance per km road length). <i>The GPS surveyed stretch of avenue plantation with effective length and number of planting points will be uploaded in PMIS module by end of January.</i>	1 km	1877.56	4.00	7510
02.15.02	Alignment and Staking including cost of 45 cm long stakes	100	72.82	1600	1165
02.15.03 -b ii	Digging of 60 cm ³ size (0.216 cum) in hard gravelly and moram Soil	per pit	60.69	1600	97104
	Transportation of Planting Stock (including loading and unloading)				
	<i>From nursery to plantation site -Upto 5 km</i>				
02.15.04-b	25 x 40 cm (10"x16") bag plants	100	426.30	1760	7503
	<i>For every extra km beyond 5 km upto 25 km</i>				
02.15.05-b	b) 25 x 40 cm (10"x16") bag plants	100 No / km	15.95	1760	5614
	<i>For every extra km beyond 25 km</i>				
02.15.06-b	b) 25 x 40 cm (10"x16") bag plants	100 No / km	7.72	1760	3397
	Internal transportation within the linear distance of plantation site				
02.15.07b	25 x 40 cm (10"x16") bag plants	100	456.33	1760	8031
02.15.08	Application of 100 gm of superphosphate and 100 gm of chloridine dust per pit at the time of planting	To be done by Plantation Watcher			0
02.15.09	Cost of superphosphate and chloridine dust	100	500.00	1600	8000
02.15.10	Cost of supporting stakes of 2.5 mtr long, sturdy and straight and minimum 10 cm girth at the base (if bamboos are not supplied by Dept).	100	1653.75	1600	26460
02.15.13	Cost and transportation of self-supporting HDPE tree gaurds	100	25000.00	1600	400000
02.15.14	Planting with HDPE self Supporting Tree guards -- Folding the Self supporting HDPE tree guard , fixing the bamboo stake near the center of the pit with crowbar (stake must be erected inside the crowbar hole to a depth of not less than 15 cms and tightly packed with small stones at the bottom), putting the seedlings in the center of the pit , application of 100 gms of single superphosphate and 100 gms of chloridine dust in the pit , carefully placing the HDPE tree guard in the pit before filling it,tying the plant with stake at two places,filling the pits with dug-up soil in such a way that the HDPE tree guard is not damaged or twisted and farming saucers with the dimensions as given below around the plant and tree guard,				
a	for 60 Cu.Cm with saucer of 0.50 m radius	100	3210.48	1600	51368
02.15.12	Cost and application of 1/2 cft FYM per plant - 1 month after planting	100	1984.50	1600	31752

FSR Item No.	Schedule of operations with Specification	Units	Rate	Qty	Amt
02.15.15	WATERING - To be done through tractor -fitted water tanker (preferably by calling tender) with benchmark for survival (90%) and average incremental growth of 1.0 m by end of raising year (i.e.3.00 m height by end of March of raising year) - irrespective of plantation raised departmentally or through contractor by tender process . Minimum of 15 liter per plant with a Water Tanker - Staff will locate the casualty points under casualty replacement process , if any, and keep the pits ready for replacement before watering , so that the fresh tall plants get established easily . The Plantation -in-charge Officer should record the watering operation in Watering Watch Register and M-Book on the same day of watering.				
	One watering on the day of planting : 1 watering				
	June-two waterings on non rainy days: 2 waterings				
	July to September- One watering per month on non-rainy days: 3 watering				
	October to December - once in 15 days: 6 waterings				
	January to March - 4 waterings per month: 12 waterings				
	Total waterings upto March: 24 waterings				
	a) Watering the plants - Main Rows	100plants per watering	702.98	1600	269942
02.15.18	Application of inorganic fertilizers like 25 gms of urea (2 month after planting, i.e. in August) and 50 gms of DAP (4 months after planting, i.e. in October). Fertilizer application shall be made by making 3 holes of 10 cm depth with crow bar at a distance of 20 cm away from plant and putting ferilizer and closing. This work needs to be monitored by Plantation-in-charge Officer at the time of application and needs to be entered in Plantation Journal.	100 / time	220.45	1600	7054
02.15.19	Cost of above inorganic fertilizers	100	600	1600	9600
02.15.20	Weeding and forming of saucer (two times - 1st in July & 2nd in September)	100 No / Time	457.85	1600	14651
02.15.21(i)	Replacement of causalities (10% - since watering provision is provided) including opening of pit, internal transportation, planting and refixing the HDPE self supporting tree guard in similar manner as done in initial planting	100	2448.71	160	3918
02.15.22	Pruning of lower branch initials upto 1/3 rd height (to be done during October).	100	124.27	1600	1988
02.15.23	Clearing unwanted growth to a width of 3 m on both sides parallel to the road (to be done during Nov - Dec) which will create a fireline preventing spread of ground fire from adjacent agricultural field.	1 km	1248.87	4.00	4995
02.15.24	Enumeration of planted seedlings with number of plants planted and number of plants surviving species-wise, along with average heightand entering in the Enumeration Register (to be maintained compulsorily for each site) to be taken up during May & Dec	To be done by Plantation-in-charge Officer with the help of Plantation Watcher			

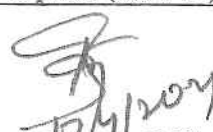
FSR Item No.	Schedule of operations with Specification	Units	Rate	Qty	Amt
02.15.25(a)	Cost of Protection : One protection watcher up to 4.00 Km effective length on each side of National Highway (NH) Avenue Plantations - with minimum of two Km length and there after for 4 Km during the raiding year - 9 months and during the 1st and 2nd year maintenance-12 months-. <i>Photo identity of every each Plantation Watchers with the address shall be pasted in respective Plantation Journal . Every month , payment to Plantation Watcher will be made after satisfaction by Plantation-in-charge that fence is in proper condition , the casualties are located and replaced and damage to the plants either from fire or cattle does not occur . The guiding principle for continuation of the services of a Plantation Watcher is at least 90% survival at the end of raising year. For 44.30 Km 28 No.of Watchers are required (14 Nos on each side)</i>	per month per watcher	9194.85	2 Nos 9 months	165507
02.15.26	Cycle Allowance for Plantation Watcher from the date of planting to end of financial year	per day	5.27	2 Nos 9 months	2581
					1480143
02.15.27	CONTINGENCIES: Plantation Boards, buckets and other expenses (as per actuals subject to maximum of 3% of the total estimate)	As per actuals subject to maximum of 3% of the total estimate			148014
	TOTAL- RAISING				1628157
	For 2021-22 with 10% excess				1790973
	For 2022-23 with 10% excess				1970070
	TOTAL- RAISING - per plant (2022-23)		1119.36		
			or Rs 1119 per plant		
02.16.	1ST YEAR MAINTAINANCE				
	Cost of plantingstock of plantable size of 2.00 m Height - plants required for casualty replacements	Nos	150.00	160	24000
02.16.01	Cost of supporting stakes of 2.5 mtr long, sturdy and straight and minimum 10 cm girth at the base (if bamboos are not supplied by Dept)- for the casualties replaced-i.e. 10 % maximum	100	1653.75	160	2646
02.16.02(ii)	Replacement of causalities (10% - since watering provision is provided) including opening of pit, internal transportation, planting and refixing the HDPE self supporting tree guard in similar manner as done in initial planting	100	3210.48	160	5137
02.18.02	Cost and transportation of self-supporting HDPE tree gaurds (for casualties replaced)	100	25000.00	160	40000
02.16.04	2 Circular Weedings and farmation of saucers to a radius of 0.50 m around the plant (1st in July - Aug and 2nd in Sept-Oct)	100 No / Time	457.85	1760	16116
02.16.06(i)	WATERING - To be done through tractor -fitted water tanker (preferably through Tender) with benchmark for survival (90%) and average incremental growth of 1.0 m by end of 1st year maintainance (i.e. 3.5 m height at the end of 1st yr. Maint. period) - irrespective of departmentally carried out or executed through contractor by tender . Minimum of 15 liter per plant with a Water Tanker - <i>Plantation-in-charge Officer along with Plantation Watcher will locate the casualty points under casualty replacement process, if any, and keep the pits ready for casualty replacement before watering , so that plants get established easily .The Plantation -in-charge Officer should record the watering operation in Watering Watch Register and M-Book on the same day of watering.</i>				
	<i>April to June - 4 waterings / month: 12 waterings</i>				
	<i>Oct. to Dec. - 2 waterings / month: 6 waterings</i>				
	<i>Jan. to March - 3 waterings / month: 9 waterings</i>				
	Total from April to March: 27 waterings				

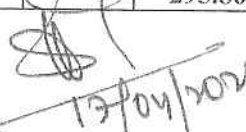
FSR Item No.	Schedule of operations with Specification	Units	Rate	Qty	Amt
	a) Watering the plants - Main Rows	100plants per watering	702.98	1760	334054
02.16.08	Application of inorganic fertilizers like 200 gms of DAP per plant in the month of split doses (in the month of July and October @ 100 gm / time per plant) - <i>Fertilizer application to be done at the time of watering by making 3 holes of 10 cm depth with crow bar holes at a distance of 20 cm away from plant and putting fertilizer and closing.</i> This work needs to be monitored by Plantation-in-charge Officer at the time of application and needs to be entered in Plantation Journal.	100 / time	220.45	1706	7522
02.16.09	Cost of above inorganic fertilizers	100	600	1706	10236
02.16.09	Clearing unwanted growth to a width of 3 m on both sides parallel to the road (to be done during Nov - Dec) which will create a fireline preventing spread of ground fire from adjacent agricultural field.	1 km	1248.87	4.00	4995
02.16.10	Enumeration of planted seedlings with number of plants planted and number of plants surviving, species-wise, along with average height in the Enumeration Register (to be maintained compulsorily for each site) every month.(May-Dec)	To be done by Plantation-in-charge Officer with the help of Plantation Watcher			
02.16.11(a)	Cost of Protection : One protection watcher up to 4.00 Km effective length on each side of National Highway (NH) Avenue Plantations - with minimum of two Km length and there after for 4 Km during the raiding year - 9 months and during the 1st and 2nd year maintenance-12 months-. <i>Photo identity of every each Plantation Watchers with the address shall be pasted in respective Plantation Journal . Every month , payment to Plantation Watcher will be made after satisfaction by Plantation-in-charge that fence is in proper condition , the casualties are located and replaced and damage to the plants either from fire or cattle does not occur . The guiding principle for continuation of the services of a Plantation Watcher is at least 90% survival at the end of raising year . For 54.30 Km28 No.of Watchers are required(14 Nos on each side)</i>	per month per watcher	9194.85	2 Nos 12 months	220676
02.16.12	Cycle Allowance for Plantation Watcher	per day	5.30	2 Nos 12 months	3818
					669200
	CONTINGENCIES: Plantation Boards, buckets and other expenses (as per actuals subject to maximum of 3% of the total estimate)	As per actuals subject to maximum of 3% of the total estimate			33460
	TOTAL- 1st YEAR MAINTAINANCE				702660
	TOTAL- 1st YEAR MAINTAINANCE- per plant	98.88			
		or Rs 99.00 per plant			
	For 2020-21:				702660
	For 2021-22 with 10% excess				772926
	For 2022-23 with 10% excess				850219
	For 2023-24 with 10% excess				935241
	Per plant (2023-24)				531.39
2.17	2nd YEAR MAINTAINANCE				
	Cost of plantingstock of plantable size of 2.00 m Height - plants required for casualty replacements	Nos	150.00	160	24000
02.16.01	Cost of supporting stakes of 2.5 mtr long, sturdy and straight and minimum 10 cm girth at the base (if bamboos are not supplied by Dept)- for the casualties replaced-i.e. 10 % maximum	100	1653.75	160	2646
02.16.02(ii)	Replacement of causalities (10% - since watering provision is provided) including opening of pit, internal transportation, planting and refixing the HDPE self supporting tree guard in similar manner as done in initial planting	100	3210.48	160	5137

FSR Item No.	Schedule of operations with Specification	Units	Rate	Qty	Amt
02.17.01	WATERING - To be done through tractor -fitted water tanker (preferably through Tender) with benchmark for survival (90%) and average incremental growth of 0.5 m by end of 2nd year maintainance (i.e. 4 m height) - irrespective of departmental or tender . Minimum of 15 liter per plant with a Water Tanker . The in -charge of Avenue Plantation should <i>record the watering operation in Watering Watch Register and M-Book on the same day of watering.</i>				
	Watering from April to June : 10 waterings (April: 4 waterings; May: 3 waterings; June: 3 waterings). Total: 10 waterings				
	October to December 2 waterings per month: 6 waterings				
	January to March: 3 waterings per month: 9 waterings				
	Total waterings: 25 Nos				
	a) Watering the plants - Main Rows	100 plants/ watering	702.98	1760	309309
02.17.02	Enumeration of planted seedlings with number of plants planted and number of plants surviving, species-wise, along with average height in the Enumeration Register (to be maintained compulsorily for each site) to be taken up during May & December months.	To be done by Plantation-in-charge Officer with the help of Plantation Watcher			
02.17.03	Tying of 5 Prosopis thorny twigs of 3' upto breast height of plant at two places during July-August including cost and transport of thorny material to site. However, this provision can be utilized for such number of plants which have got clean stem of 8 feet or more. This operation need to be done during Aug-Sept. A stretch-wise report indicating the number of plants for which this operation can be carried out will be submitted by DFO to Circle Head and with written approval, the work can be undertaken. (for 2nd and 3rd row plants only)	100	1238.37	1760	21795
02.17.05	Cost of Protection: One protection watcher up to 4.00 Km effective length on each side of National Highway (NH) Avenue Plantations - with minimum of two Km length and there after for 4 Km during the raising year- 9 months and during the 1st and 2nd year maintenance-12 months-. <i>Photo identity of every each Plantation Watchers with the address shall be pasted in respective Plantation Journal . Every month , payment to Plantation Watcher will be made after satisfaction by Plantation -in-charge that fence is in proper condition, the casualties are located and replaced and damage to the plants either from fire or cattle does not occur . The guiding principle for continuation of the services of a Plantation Watcher is at least 90% survival at the end of raising year .For 54.30 Km28 No.of Watchers are required(14 Nos on each side)</i>	per month per watcher	9194.85	2 Nos 12 months	220676
02.17.06	Cycle Allowance to plantation watcher	per day	5.30	2 Nos 12 months	3442
					627005
	CONTINGENCIES: Plantation Boards, buckets and other expenses (as per actuals subject to maximum of 3% of the total estimate)	As per actuals subject to maximum of 3% of the total estimate			31350
	TOTAL- 2nd YEAR MAINTAINANCE				658355
	TOTAL- 2nd YEAR MAINTAINANCE- Per plant	92.65			
		or Rs 93.00 per plant			
	For 2020-21 :				658355
	For 2021-22 with 10% excess				724191
	For 2022-23 with 10% excess				796610
	For 2023-24 with 10% excess				876271
	For 2024-25 with 10% excess				963898
	Per plant 2024-25				547.67

FSR Item No.	Schedule of operations with Specification	Units	Rate	Qty	Amt
2.17	3rd YEAR MAINTAINANCE				
02.17.01	WATERING - To be done through tractor -fitted water tanker (preferably through Tender) with benchmark for survival (90%) and average incremental growth of 0.5 m by end of 2nd year maintainance (i.e. 4 m height) - irrespective of departmental or tender . Minimum of 10 liter per plant with a Water Tanker . The in -charge of Avenue Plantation should <i>record the watering operation in Watering Watch Register and M-Book on the same day of watering.</i>				
	Watering from April to March: 12 waterings				
	a) Watering the plants - Main Rows	100 plants/ watering	702.98	1760	148468
02.17.02	Enumeration of planted seedlings with number of plants planted and number of plants surviving, species-wise, along with average height in the Enumeration Register (to be maintained compulsorily for each site) to be taken up during May & December months.	To be done by Plantation-in-charge Officer with the help of Plantation Watcher			
02.17.05	Cost of Protection : One protection watcher up to 4.00 Km effective length on each side of National Highway (NH) Avenue Plantations - with minimum of two Km length and there after for 4 Km during the raiding year - 9 months and during the 1st and 2nd year maintainance-12 months-. <i>Photo identity of every each Plantation Watchers with the address shall be pasted in respective Plantation Journal . Every month , payment to Plantation Watcher will be made after satisfaction by Plantation-in-charge that fence is in proper condition , the casualties are located and replaced and damage to the plants either from fire or cattle does not occur . The guiding principle for continuation of the services of a Plantation Watcher is at least 90% survival at the end of raising year . For 54.30 Km28 No.of Watchers are required(14 Nos on each side)</i>	per month per watcher	9194.85	2 Nos 12 months	220676
02.17.06	Cycle Allowance to plantation watcher	per day	5.30	2 Nos 12 months	3442
					372586
	CONTINGENCIES: Plantation Boards, buckets and other expenses (as per actuals subject to maximum of 3% of the total estimate)	As per actuals subject to maximum of 3% of the total estimate			18629
	TOTAL- 3rd YEAR MAINTAINANCE				391216
	TOTAL- 3rd YEAR MAINTAINANCE- Per plant		55.05		
			or Rs 55.00 per plant		
	For 2020-21 :				391216
	For 2021-22 with 10% excess				430337
	For 2022-23 with 10% excess				473371
	For 2023-24 with 10% excess				520708
	For 2024-25 with 10% excess				572779
	For 2025-26 with 10% excess				630057
	Per plant (2025-26)				357.99
2.17	4th YEAR MAINTAINANCE				
02.17.01	WATERING - To be done through tractor -fitted water tanker (preferably through Tender) with benchmark for survival (90%) and average incremental growth of 0.5 m by end of 2nd year maintainance (i.e. 4 m height) - irrespective of departmental or tender . Minimum of 10 liter per plant with a Water Tanker . The in -charge of Avenue Plantation should <i>record the watering operation in Watering Watch Register and M-Book on the same day of watering.</i>				
	Watering from April to March: 12 waterings				

FSR Item No.	Schedule of operations with Specification	Units	Rate	Qty	Amt
	a) Watering the plants - Main Rows	100 plants/ watering	702.98	1760	148468
02.17.02	Enumeration of planted seedlings with number of plants planted and number of plants surviving, species-wise, along with average height in the Enumeration Register (to be maintained compulsorily for each site) to be taken up during May & December months.	To be done by Plantation-in-charge Officer with the help of Plantation Watcher			
02.17.05	Cost of Protection : One protection watcher up to 4.00 Km effective length on each side of National Highway (NH) Avenue Plantations - with minimum of two Km length and there after for 4 Km during the raising year - 9 months and during the 1st and 2nd year maintenance-12 months-. <i>Photo identity of every each Plantation Watchers with the address shall be pasted in respective Plantation Journal . Every month , payment to Plantation Watcher will be made after satisfaction by Plantation-in-charge that fence is in proper condition , the casualties are located and replaced and damage to the plants either from fire or cattle does not occur . The guiding principle for continuation of the services of a Plantation Watcher is at least 90% survival at the end of raising year</i> <i>For 54.30 Km 28 No. of Watchers are required (14 Nos on each side)</i>	per month per watcher	9194.85	2 Nos 12 months	220676
02.17.06	Cycle Allowance to plantation watcher	per day	5.30	2 Nos 12 months	3442
					372586
	CONTINGENCIES: Plantation Boards, buckets and other expenses (as per actuals subject to maximum of 3% of the total estimate)	As per actuals subject to maximum of 3% of the total estimate			18629
	TOTAL- 4th YEAR MAINTAINANCE				391216
	TOTAL- 4th YEAR MAINTAINANCE- Per plant	55.05			
		or Rs. 55.00 per plant			
	For 2020-21 :				391216
	For 2021-22 with 10% excess				430337
	For 2022-23 with 10% excess				473371
	For 2023-24 with 10% excess				520708
	For 2024-25 with 10% excess				572779
	For 2025-26 with 10% excess				630057
	For 2026-27 with 10% excess				520708
	Per plant (2026-27)				295.86


 12/04/2024
 Forest Range Officer,
 Machareddy.


 12/04/2024
 Forest Divisional Officer,
 Kamareddy.

Estimate for Extraction and Transportation of timber in Diversion of 4.95 Ha. of Forest land in Nizamabad Division (0.5713 Ha) and in Kamareddy Division (4.376 Ha) for widening of single lane to double lane road of Kamareddy to Tumpally road from Km 12/0 to 27/8

Sl. No.	Description of works	FSR Code	Qty	Rate	Per	Amount
1	2	3	4	6	7	8
1	Total enumeration of trees	06.01.02	835	131.20	100	1096
	Extraction charges of Timber and Poles & Fuel					
2	Felling by axe/Saw and conversion by saw	06.01.08	57.829	422.99	cum	24461
3	Dragging of timber to loading point-plain areas	06.01.15	57.829	192.57	Cum	11136
4	Measuring of timber/Poles and stumps	06.01.05	835	0.42	Stump or Log	351
5	Collection and removal of debris	06.01.06	4.376	98.07	Ha	429
6	Felling and conversion of fuel by axe and stacking	06.01.09	57.829	384.51	Cum	22236
7	Collection of fuel at loading point	06.04.02	57.829	32.92	Cum	1904
8	Loading of timber into lorries	06.02.06	57.829	323.70	Cmt	18719
9	Transportation of timber by private lorries (upto 10 Kms)	06.02.07	57.829	625.80	Cmt	36189
10	Transportation more than 10 Kms (add for each addl. 10 Kms)	06.02.08	57.829	9.10	Cmt	526
11	Unloading of timber	06.02.09	57.829	121.59	Cmt	7031
12	Loading of fuel wood into lorries	06.04.03	57.829	68.25	Cmt	3947
13	Transportation of timber (fuel wood) by private lorries (up to 10 Kms)	06.02.07	57.829	625.80	Cmt	36189
14	Transportation more than 10 Kms (add for each addl. 10 Kms)	06.02.08	57.829	9.10	Cmt	526
15	Unloading of fuel	06.04.04	57.829	22.10	Cmt	1278
16	Watch and ward charges at coupe (Timber and fuel)	06.01.14	12	9194.85	month	110338
	Sub-Total					276357
	Depot Works					
17	Depot numbering of logs with paints	06.03.01	815	1.16	Piece	945
18	Lotting of timber	06.03.02	57.829	304.29	Cmt	17597
19	Grading and classification of timber	06.03.04	815	0.79	Log	642
20	Watch and ward charges at Depot	06.01.14	3	9194.85	month	27585
21	Casual labour for supervision of works	06.01.14	3	9194.85	month	27585
22	Splitting of fuel wood at retail sale depots	06.04.05	199	838.69	Tonne	166899
	Sub-Total					241252
II	Extraction charges Teak Poles					
	Felling and conversion of poles	06.08.01				
	a) Up to 30 cms basal girth		0	6.14	Per Pole	0
	b) Upto 31 Cms to 45 Cms basal girth		183	13.02	Per Pole	2383
	c) Upto 46 Cms to 60 Cms basal girth		632	18.90	Per Pole	11945
	Sub-Total					14327
	Dragging, Transportation including loading unloading of poles					
i)	Upto 10 Kms					
	a) Upto 30 Cms basal girth	06.09.01	0	1496.20	100 Poles	0
	b) Upto 31 Cms to 45 Cms basal girth		183	3702.20	100 Poles	6775
	c) Upto 46 Cms to 60 Cms basal girth		632	7404.34	100 Poles	46795
	For each additional Km over 1st 21 Kms (Extra 20 Km)					
	a) Upto 30 Cms basal girth		0	77.50	100 Poles	0
	b) Upto 31 Cms to 45 Cms basal girth		183	197.05	100 Poles	361
	c) Upto 46 Cms to 60 Cms basal girth		632	395.15	100 Poles	2497
	Sub-Total					56428

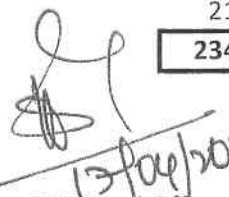
Sl. No.	Description of works	FSR Code	Qty	Rate	Per	Amount
1	2	3	4	6	7	8
	Classification and lotting in depots	06.10.00				
	a) Upto 30 Cms basal girth (135 Poles=1 Cum)		0	188.79	100 Poles	0
	b) Upto 31 Cms to 45 Cms basal girth (40 Poles=1Cum)		183	563.17	100 Poles	1031
	b) Upto 46 Cms to 60 Cms basal girth (20 Poles=1Cum)		632	1127.60	100 Poles	7126
	Sub- Total					8157
III	Depot Establishment and Maintenance					
1	Temporary Depot establishment at new premises at Khannapur including fencing, auction hall establishment etc.,			As per actuals		500000
2	Watch and ward charges for (4) months (2 Members)	06.01.14	8	9194.85	month/ watcher	73559
3	Providing amenities like water, toilets etc, to bidders			As per actuals		50000
4	Data Entry Operator (Depot Record Maintenance)		12	15000.00	Per Month	180000
5	Technical Assistant (Depot Record Maintenance)		12	15000.00	Per Month	180000
6	Night Watchman		12	9194.85	month	110338.2
	sub total					1093897
IV	Hiring of vehicles for transportation of labours and for field officers for supervision.		6	28000.00	per vehicle	168000
V	Providing amenities like water, food etc., for the labour engaged at cope site	LS				50000
VI	Miscellaneous and unforeseen expenditure such as purchase of saws with sharpening tools tents for the watch and ward staff and Transporation of felled material from site to Govt.GTD etc....	LS				30000
	Total					1938419
	Administrative cost 10%					193842
	Grand Total (FSR 2020-21)					2132261

10% Escalation
For 2021-22

213226

2345487


17/4/2021
Forest Range Officer,
Machareddy.



13/04/2021
Forest Divisional Officer,
Kamareddy.

KAMAREDDY DIVISION

ESTIMATE FOR RAISING OF AVENUE PLANTATIONS - Diversion of 4.95 Ha. of Forest land in Nizamabad Division (0.5713 Ha) and in Kamareddy Division (4.376 Ha) for widening of single lane to double lane road of Kamareddy to Tumpally road from Km 12/0 to 27/8 Divn. (4 Km Length)

ABSTRACT

S.No.	Description	No.of plants	Amount	Unit cost
1	Raising Year(2021-22)	20	886460	44322.99
2	1st Year Maintenance(2022-23)	20	28883	1444.16
	TOTAL		915343	


**Forest Range Officer,
Machareddy.**


**Forest Divisional Officer,
Kamareddy.**

**ESTIMATE FOR TRANSLOCATION OF TREES Kamareddy to Toompally Road DURING THE
YEAR 2021-22 OF KAMAREDDY DIVISION**

Sl. No.	Item Detailed Specification Description	Qty.	Rate	Unit	Amount
1	Translocation of trees of girth less than 1400mm including cost of earth mover for trenching at the present site as well as new site, pruning the tree, packing the root ball carefully, putting necessary chemicals, crane for loading and unloading the tree labour charges, transportation of tree upto 2.5Km loading & unloading.	20	40000	Each	800000
2	Watering of the trees (9 months x 3 =27) (20*27 = 540)	540	702.98	100 Plants/ Watering	3796
3	Cost of Protection : Watcher for trees (1No.s x 9 months=9)	9	9184.85	per month per watcher	82663.65
	Total:				886460


Forest Range Officer
MACHAREDDY


Forest Divisional Officer,
Kamareddy.

**ESTIMATE FOR 1ST YEAR MAINTENANCE TRANSLOCATION OF TREES
Kamareddy to Toompally Road DURING THE YEAR 2022-23 OF KAMAREDDY
DIVISION**

Sl. No.	Item Detailed Specification Description	Qty.	Rate	Unit	Amount
1	Watering of the trees (APR-JUN) (3 months x 3 =9) (20* 9= 180)	180	738.13	100 Plants/ Watering	1329
2	Cost of Protection : Watcher for trees (1No.s x 3 months =3)	3	9184.85	per month per watcher	27554.55
	Total:				28883


 17/4/2024
**Forest Range Officer
MACHAREDDY**


 13/04/2024
**Forest Divisional Officer,
Kamareddy.**